

## Percent Composition by Mass

$$\% = \frac{\text{total mass of the element}}{\text{mass of the compound}} \times 100$$

Problem: What is the percent composition by mass of  $\text{Na}_2\text{S}$ ?

Problem: What is the percent composition by mass of  $\text{CaCO}_3$ ?

Problem: What is the percent composition by mass of  $\text{Mg}(\text{NO}_3)_2$ ?